

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/008065 A1

(51) International Patent Classification⁷: **F03G 6/04**,
F24J 2/05

(21) International Application Number:
PCT/AU2004/000972

(22) International Filing Date: 21 July 2004 (21.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2003903767 21 July 2003 (21.07.2003) AU
2003905500 8 October 2003 (08.10.2003) AU
2004900699 12 February 2004 (12.02.2004) AU
2004901435 18 March 2004 (18.03.2004) AU

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

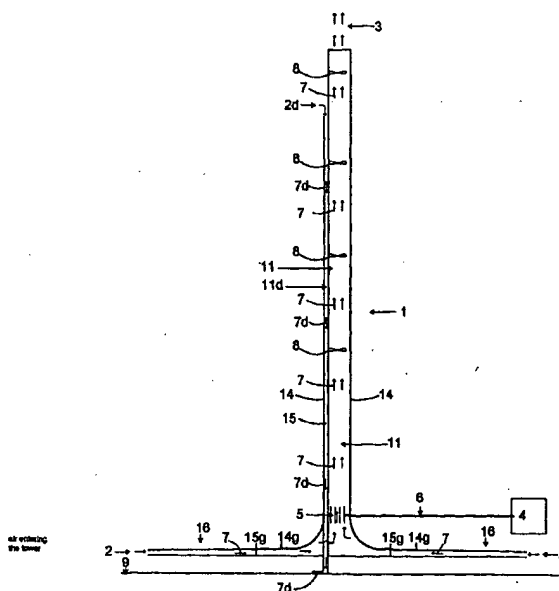
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

[Continued on next page]

(54) Title: **POWER GENERATION FROM SOLAR AND WASTE HEAT**



(57) Abstract: The invention relates to the generation of electricity and the ventilation of urban areas with the use of waste heat from air-conditioning systems, waste organic matter, fuel cells and wind. A first aspect relates to the creation of a column of rising air in a stack to drive electricity-generating turbines. A second aspect relates to the use of wind energy to create a helix shape upward flow of air that may preferably augment the functioning of the first aspect. An advantage of the system is that by transferring waste heat from urban environments above habitable areas the problem of the so-called heat island effect is greatly alleviated.

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